

Max over = -20.877534 Min Ht = -413.454874

Shively 6812B

	Angle below Horizon (degrees)	4 bay Field at Angle	1.180223 ERP at Angle (kW)	AGL = 87 Field at Point (dB(uV))	Distance to point on Ground	Distance from Tower (meters)	Over Threshold (dBuV)	Distance to Threshold (meters)	Distance from Tower (meters)	Interference Height AGL (meters)
Maximum ERP (kW)	0.09	0	1	0.09						
	0.09	1	0.989417	0.088105	82.41673	4984.986	4984.986	-13.483267	1055.6029	68.57718954
	0.09	2	0.958055	0.082608	88.15623	2492.873	2492.873	-7.7437652	1022.1434	51.32770964
	0.09	3	0.907062	0.074048	91.20078	1662.337	1662.337	-4.6992202	967.73864	36.35247296
	0.09	4	0.838291	0.063246	93.01162	1247.196	1247.196	-2.8883754	894.36741	24.61208312
	0.09	5	0.754225	0.051197	94.02798	998.2131	998.2131	-1.8720232	804.67792	16.86769819
	0.09	6	0.657866	0.038951	94.41948	832.3092	832.3092	-1.4805239	701.87293	13.63430105
	0.09	7	0.552606	0.027484	94.23825	713.8793	713.8793	-1.6617548	589.57226	15.14921606
	0.09	8	0.442086	0.01759	93.45329	625.1208	625.1208	-2.446712	471.65924	21.3577207
	0.09	9	0.330041	0.009803	91.93005	556.1434	556.1434	-3.9699545	352.1187	31.91650022
	0.09	10	0.220147	0.004362	89.31972	501.013	501.013	-6.580282	234.87399	46.21455979
	0.09	11	0.115879	0.001209	84.56413	455.9533	455.9533	-11.33587	123.63086	63.41011945
	0.09	12	0.020372	3.74E-05	70.21038	418.4469	418.4469	-25.689623	21.734977	82.48104417
	0.09	13	0.06369	0.000365	80.79525	386.7508	386.7508	-15.104753	67.950639	71.71443203
	0.09	14	0.134168	0.00162	87.89854	359.6202	359.6202	-8.0014595	143.14332	52.37049557
	0.09	15	0.189532	0.003233	91.4856	336.1422	336.1422	-4.4144031	202.21011	34.66417202
	0.09	16	0.228895	0.004715	93.67153	315.6321	315.6321	-2.2284742	244.20664	19.68752731
	0.09	17	0.252026	0.005717	95.01966	297.5664	297.5664	-0.8803407	268.88519	8.38557975
	0.09	18	0.259326	0.006052	95.74859	281.5379	281.5379	-0.1514069	276.67285	1.503387497
	0.09	19	0.25178	0.005705	95.9453	267.2252	267.2252	0.0452964	268.62236	-0.45488527
	0.09	20	0.230894	0.004798	95.62132	254.371	254.371	-0.278685	246.33908	2.74707191
	0.09	21	0.198603	0.00355	94.71836	242.7672	242.7672	-1.1816401	211.88884	11.06583019
	0.09	22	0.157177	0.002223	93.07135	232.2436	232.2436	-2.8286462	167.69168	24.18158944
	0.09	23	0.109108	0.001071	90.26677	222.6595	222.6595	-5.6332297	116.40718	41.51609254
	0.09	24	0.057004	0.000292	84.97635	213.8976	213.8976	-10.923648	60.816796	62.2635807
	0.09	25	0.003476	1.09E-06	61.0131	205.8595	205.8595	-34.886897	3.7087379	85.43261965
	0.09	26	0.048955	0.000216	84.30486	198.462	198.462	-11.595144	52.230007	64.1038721
	0.09	27	0.097957	0.000864	90.63372	191.634	191.634	-5.2662783	104.51017	39.55337378
	0.09	28	0.141459	0.001801	94.11685	185.3147	185.3147	-1.7831457	150.92204	16.14639223
	0.09	29	0.177712	0.002842	96.37781	179.4519	179.4519	0.4778148	189.60019	-4.9199951

0.09	30	0.205334	0.003795	97.90066	174	174	2.0006641	219.06977	189.72	-22.5348853
0.09	31	0.223334	0.004489	98.88793	168.9196	168.9196	2.9879332	238.27396	204.2406	-35.7201604
0.09	32	0.231122	0.004808	99.43307	164.176	164.176	3.533068	246.58289	209.1142	-43.6690253
0.09	33	0.2285	0.004699	99.57195	159.7388	159.7388	3.6719468	243.78547	204.4557	-45.7750857
0.09	34	0.215641	0.004185	99.29789	155.5814	155.5814	3.3978897	230.06581	190.7332	-41.6511693
0.09	35	0.193053	0.003354	98.55738	151.6799	151.6799	2.6573828	205.96674	168.7181	-31.1376671
0.09	36	0.161537	0.002348	97.22187	148.0132	148.0132	1.3218656	172.34308	139.4285	-14.3007195
0.09	37	0.122137	0.001343	94.99827	144.5627	144.5627	-0.9017326	130.30756	104.0682	8.578955614
0.09	38	0.076083	0.000521	91.0846	141.3114	141.3114	-4.8153991	81.172201	63.96457	37.02540314
0.09	39	0.024734	5.51E-05	81.5152	138.2444	138.2444	-14.3848	26.388058	20.50737	70.39345679
0.09	40	0.030476	8.36E-05	83.51245	135.348	135.348	-12.387549	32.514292	24.90739	66.10021592
0.09	41	0.088089	0.000698	92.90929	132.61	132.61	-2.9907094	93.981174	70.92849	25.34280212
0.09	42	0.146676	0.001936	97.50942	130.0195	130.0195	1.6094194	156.48738	116.2928	-17.7104977
0.09	43	0.204876	0.003778	100.5775	127.5663	127.5663	4.6775483	218.58147	159.8604	-62.072203
0.09	44	0.261435	0.006151	102.8547	125.2414	125.2414	6.9547499	278.92374	200.6409	-106.756709
0.09	45	0.315229	0.008943	104.6343	123.0366	123.0366	8.7342765	336.31642	237.8116	-150.811623
0.09	46	0.36529	0.012009	106.0635	120.9442	120.9442	10.16348	389.72581	270.7263	-193.345287
0.09	47	0.410815	0.015189	107.2275	118.9575	118.9575	11.327525	438.29651	298.9175	-233.549777
0.09	48	0.451177	0.01832	108.1805	117.07	117.07	12.280454	481.35832	322.0916	-270.718942
0.09	49	0.485921	0.021251	108.959	115.2761	115.2761	13.058953	518.42631	340.1183	-304.261303
0.09	50	0.514761	0.023848	109.5892	113.5704	113.5704	13.689228	549.19512	353.0158	-333.707871
0.09	51	0.537568	0.026008	110.0908	111.9481	111.9481	14.190763	573.52825	360.933	-358.715162
0.09	52	0.55436	0.027658	110.4785	110.4046	110.4046	14.578523	591.44348	364.129	-379.06382
0.09	53	0.565282	0.028759	110.7643	108.9358	108.9358	14.864308	603.09543	362.9519	-394.653426
0.09	54	0.570587	0.029301	110.9576	107.5379	107.5379	15.057636	608.7562	357.8179	-405.494113
0.09	55	0.570624	0.029305	111.0663	106.2074	106.2074	15.166327	608.79501	349.1905	-411.695678
0.09	56	0.565808	0.028813	111.0969	104.941	104.941	15.196913	603.65765	337.5611	-413.454874
0.09	57	0.556612	0.027884	111.0549	103.7356	103.7356	15.154927	593.84647	323.432	-411.041554
0.09	58	0.543542	0.026589	110.9451	102.5885	102.5885	15.045108	579.90141	307.3009	-404.784284
0.09	59	0.527121	0.025007	110.7716	101.4971	101.4971	14.871564	562.38259	289.6484	-395.055963
0.09	60	0.507881	0.023215	110.5379	100.4589	100.4589	14.637885	541.85471	270.9274	-382.259945
0.09	61	0.48634	0.021287	110.2472	99.4718	99.4718	14.347231	518.87354	251.5549	-366.817026
0.09	62	0.463002	0.019293	109.9024	98.53359	98.53359	14.002404	493.97451	231.907	-349.153602
0.09	63	0.438341	0.017293	109.5059	97.64238	97.64238	13.605902	467.66348	212.3148	-329.691213
0.09	64	0.412796	0.015336	109.06	96.79637	96.79637	13.159955	440.40966	193.0629	-308.837578
0.09	65	0.386768	0.013463	108.5666	95.99388	95.99388	12.666564	412.6404	174.3894	-286.979212
0.09	66	0.360615	0.011704	108.0275	95.23336	95.23336	12.127518	384.73792	156.487	-264.475575

0.09	67	0.334651	0.010079	107.4444	94.51335	94.51335	11.544413	357.03748	139.5057	-241.65473
0.09	68	0.309147	0.008601	106.8187	93.83252	93.83252	10.918659	329.82712	123.5554	-218.810382
0.09	69	0.284329	0.007276	106.1515	93.18961	93.18961	10.251485	303.34846	108.7104	-196.200181
0.09	70	0.260381	0.006102	105.4439	92.58347	92.58347	9.5439267	277.79842	95.01266	-174.045124
0.09	71	0.237448	0.005074	104.6968	92.013	92.013	8.7968097	253.33178	82.47676	-152.529904
0.09	72	0.215639	0.004185	103.9107	91.47721	91.47721	8.0107213	230.06417	71.09374	-131.804029
0.09	73	0.195029	0.003423	103.086	90.97518	90.97518	7.1859588	208.07547	60.83538	-111.983559
0.09	74	0.175663	0.002777	102.2225	90.50605	90.50605	6.3224588	187.41336	51.65812	-93.1532876
0.09	75	0.157557	0.002234	101.3197	90.06903	90.06903	5.4196902	168.09701	43.50671	-75.3692419
0.09	76	0.140708	0.001782	100.3765	89.66339	89.66339	4.4765024	150.12059	36.31746	-58.661364
0.09	77	0.125089	0.001408	99.3909	89.28846	89.28846	3.4909044	133.45675	30.02124	-43.0362611
0.09	78	0.110658	0.001102	98.35975	88.94363	88.94363	2.4597452	118.05982	24.54602	-28.4799306
0.09	79	0.097356	0.000853	97.27824	88.62835	88.62835	1.3782438	103.86874	19.81909	-14.9603799
0.09	80	0.085116	0.000652	96.13929	88.34212	88.34212	0.2392867	90.809676	15.76893	-2.43007345
0.09	81	0.073858	0.000491	94.93235	88.08447	88.08447	-0.9676503	78.798293	12.32677	9.171844856
0.09	82	0.063494	0.000363	93.64179	87.855	87.855	-2.2582136	67.741654	9.427816	19.91760273
0.09	83	0.053932	0.000262	92.24398	87.65335	87.65335	-3.6560158	57.539721	7.012328	29.88917126
0.09	84	0.045071	0.000183	90.70235	87.47922	87.47922	-5.1976528	48.0864	5.026398	39.17702226
0.09	85	0.036808	0.000122	88.95773	87.33233	87.33233	-6.942272	39.270048	3.42261	47.87938683
0.09	86	0.029031	7.59E-05	86.90815	87.21245	87.21245	-8.9918539	30.973178	2.16058	56.10227101
0.09	87	0.021624	4.21E-05	84.35893	87.11939	87.11939	-11.541075	23.070719	1.207428	63.96089906
0.09	88	0.014458	1.88E-05	80.86863	87.05303	87.05303	-15.031369	15.424654	0.538313	71.58474187
0.09	89	0.007372	4.89E-06	75.02247	87.01325	87.01325	-20.877534	7.8651804	0.137266	79.13601748